California Weather-Hydro Conditions during January 2013

As of January 31, statewide hydrologic conditions were as follows: precipitation, 100 percent of average to date; runoff, 100 percent of average to date; snow water equivalent, 90 percent of average for the date (55 percent of the April 1 average); and reservoir storage, 105 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2013, observed through January 31, 2013 was about 5.9 million acre-feet (MAF), which is about 105 percent of average. For comparison during Water Year 2012, on January 31, 2012, the observed Sacramento River Region unimpaired runoff through that date was about 2.3 MAF, or about 41 percent of average.

In contrast to a very wet December, January had significantly below average rainfall, for almost all of California. On January 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 34.3 inches, which is about 128 percent of the seasonal average to date and 69 percent of an average water year (50.0 inches). During January, the total precipitation for the 8-Stations was 1.4 inches, which is about 16 percent of the monthly average. Last year on January 31, the seasonal total for the 8-Stations was 14.5 inches, or about 54 percent of average for the date.

On January 31, the San Joaquin 5-Station Precipitation Index Water Year total was 20.4 inches, which is about 99 percent of the seasonal average to date and 50 percent of an average water year (40.8 inches). During January, the total precipitation for the 5-Stations was 1.3 inches, which is about 17 percent of the monthly average. Last year on January 31, the seasonal total for the 5-Stations was 10.1 inches, or about 49 percent of average for the date.

Selected Cities Precipitation Accumulation as of 01/31/2013 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2012 - 2013 (in inches)	% Avg	Jul 1 to Date 2011 - 2012 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2012- 2013
Eureka	23.40	99	18.63	79	58
Redding	20.09	102	12.15	62	58
Sacramento	12.25	119	4.78	47	66
San Francisco	13.59	100	6.05	44	57
Fresno	3.97	68	2.95	50	35
Bakersfield	1.62	50	1.75	54	25
Los Angeles	5.58	83	4.19	62	44
San Diego	4.38	83	4.97	94	42

Key Reservoir Storage (1,000 AF) as of 01/31/2013								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,943	1,763	110	2,448	79	---	505
Shasta Lake	Sacramento	3,474	3,133	111	4,552	76	-314	1,078
Lake Oroville	Feather	2,692	2,384	113	3,538	76	-373	846
New Bullards Bar Res	Yuba	779	581	134	966	81	-17	187
Folsom Lake	American	566	516	110	977	58	-11	411
New Melones Res	Stanislaus	1,636	1,392	118	2,420	68	-334	784
Don Pedro Res	Tuolumne	1,373	1,385	99	2,030	68	-317	657
Lake McClure	Merced	446	500	89	1,025	44	-228	579
Millerton Lake	San Joaquin	313	340	92	520	60	-118	207
Pine Flat Res	Kings	293	478	61	1,000	29	-377	707
Isabella	Kern	83	169	49	568	15	-87	485
San Luis Res	(Offstream)	1,212	1,626	75	2,039	59	---	827

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for February 2013, issued January 31, 2013, suggests below average rainfall for almost all of Northern California, except for the very northeastern region, where no tendency for above or below average is expected. No tendency for above or below average rainfall is also suggested for most of Central and Southern California, except for the southeastern portion of the State where above average precipitation is expected.